



ERNST J. LEDERLE, Ph. D.  
President

# DEPARTMENT OF HEALTH

THE CITY OF NEW YORK

EUGENE W. SCHEFFER  
Secretary

## TOTAL NUMBER OF DEATHS BY THE PRINCIPAL CAUSES, IN 1909

BOROUGH.	1. Typhoid Fever.	2. Malarial Fevers.	4. Small-Pox.	5. Measles.	6. Scarlet Fever.	7. Whooping Cough.	8. Diphtheria and Croup.	9. Influenza.	10. Other Epidemic Diseases.	13. Tuberculosis of the Lungs.	14. Tuberculous Meningitis.	15. Other forms of Tuberculosis.	16. Cancer and other Malignant Tumors.	17. Simple Meningitis.	17a. Of which Cerebro Spinal Meningitis.	18. Congestion, Hemorrhage and Softening of the Brain.	19. Organic Diseases of the Heart.	20. Acute Bronchitis.	21. Pneumonia (not including Broncho Pneumonia).	22a. Broncho Pneumonia.	23. Diseases of the Stomach.	24. Diarrhea and Enteritis (under five years of age).	25. Hernia and Intestinal Obstruction.	26. Cirrhosis of the Liver.	27. Nephritis and Bright's Disease.	28. Non-Cancerous Tumors and other Diseases of the Female Genital Organs.	29. Puerperal Septicemia.	30. Other Puerperal Diseases.	31. Congenital Debility and Malformation.	32. Senile Debility.	33. Violent Deaths.	33a. Accidents.	34. II.	35. S. S. S. S.	36. Or er Diseases.	37. Un-defined Causes.
Manhattan .....	262	7	2	388	358	220	963	166	270	4205	512	226	1828	417	184	394	3223	484	2575	3133	250	2665	290	507	2612	170	121	245	2458	200	2350	1758	104	488	6051	408
The Bronx.....	63	3	...	58	50	34	102	16	29	1623	71	17	295	60	34	141	680	70	382	284	43	320	45	79	403	19	17	47	325	53	349	255	10	84	714	32
Brooklyn .....	191	24	...	509	326	118	556	139	108	2317	191	191	1110	159	96	351	2404	425	1918	1593	158	1912	172	400	2048	98	93	137	1311	247	1318	999	59	260	3775	33
Queens .....	37	5	...	30	42	23	73	10	13	309	20	23	170	29	8	20	395	58	279	275	15	370	42	62	297	11	16	27	251	69	279	230	5	41	545	43
Richmond .....	41	1	...	12	10	6	20	4	2	159	12	5	85	11	1	39	152	14	100	75	16	113	9	32	162	5	3	13	95	28	107	89	1	11	174	40
City .....	564	40	2	997	786	401	1714	335	422	8643	806	462	3488	676	326	945	6854	1051	5254	5360	482	5380	558	1080	5522	303	250	469	1413	597	1103	3331	182	890	11262	556

The Bertillon Classification of Diseases was adopted January 1, 1901. Compared with reports of previous years, it will be found that according to this classification, deaths from Gastro-Enteritis are included in the Diarrheas, and deaths from Marasmus over three months of age are taken out of the Congenital Debility and put among the Un-defined Causes.

## DEATHS ACCORDING TO AGE AND COLOR

BOROUGH.	Under 1 year.	1	2	3	4	Total Under 5.	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	Total.	Colored.	Chinese.	Death-rate.	Corrected Interborough Death-rate.*
Manhattan	8915	2540	1001	567	361	13387	830	476	677	1226	1629	1794	2156	2214	2206	2065	1912	2133	1817	1139	1010	581	408	37963	1325	71	16.12	16.40
The Bronx	991	282	140	77	65	1555	142	102	195	303	399	421	180	440	373	370	307	369	306	258	210	115	79	6424	191	...	18.46	16.12
Brooklyn	4923	1624	673	416	249	7885	638	315	505	833	956	1135	1292	1247	1257	1313	1236	1436	1337	1137	922	542	379	24365	534	7	15.83	15.90
Queens	851	218	92	55	42	1258	111	57	92	131	152	146	179	187	207	218	180	218	237	193	141	68	63	3838	91	...	15.67	16.14
Richmond	297	77	30	16	16	436	31	17	25	38	52	67	88	68	80	91	61	100	98	91	79	50	43	1515	35	...	19.43	18.62
City...	15977	4741	1936	1131	736	24521	1752	967	1494	2531	3188	3563	1195	4156	4123	4057	3696	4256	3795	3118	2362	1359	972	74105	2176	78	16.23	...

\* Corrected Interborough death-rate means that the death-rate of each borough is corrected by the exclusion of the deaths of residents of the other boroughs occurring within its limits and the inclusion of the deaths of residents of that borough occurring in other boroughs.

## CASES OF CONTAGIOUS DISEASES AND TUBERCULOSIS REPORTED

BOROUGH.	Diphtheria and Croup.	Measles.	Scarlet Fever.	Typhoid Fever.	Small-Pox.	Tuberculosis.	Total.
Manhattan .....	7933	14766	5909	1556	5	16877	47046
The Bronx .....	1335	3714	1161	459	...	1601	8270
Brooklyn .....	4735	9881	4275	1131	3	6407	26432
Queens .....	764	2118	856	234	...	625	4597
Richmond .....	330	1475	274	119	1	157	2356
City .....	15097	31954	12475	3499	9	25667	88701
Quarantine .....	28	512	123	...	...	...	663

## BIRTHS, MARRIAGES AND STILL-BIRTHS REPORTED

BOROUGH.	Estimated Population.	Births.	Marriages.	Still-births.
Manhattan .....	2354576	63599	26689	3563
The Bronx .....	348057	9574	1770	493
Brooklyn .....	1539235	44494	11110	2202
Queens .....	244947	6315	1504	358
Richmond .....	77977	1994	440	81
City .....	4564792	122976	41513	6697

614.127471



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Manhattan . . .	269	7	4	271	418	151	898	162	292	3,975	485	329	1,915	380	177	389	3,071	406	103	2,666	2,725	501	251	3,021	340	308	545	2,627	200	138	249	2,396	236	2,101	1,919	182	459	5,818	522
The Bronx . . . .	41	4	..	56	75	23	136	26	24	1,781	84	31	323	53	29	254	706	51	10	462	312	57	38	342	43	45	75	411	21	31	28	262	68	280	270	10	64	664	87
Brooklyn . . . . .	198	13	1	422	385	92	558	144	132	2,130	198	186	1,212	136	72	245	2,540	405	278	2,001	1,644	220	166	2,092	223	198	445	2,160	120	71	191	1,311	274	1,101	1,023	78	246	3,610	22
Queens . . . . .	39	3	..	30	33	21	104	24	13	358	21	24	185	31	12	55	405	59	9	305	221	27	25	359	20	27	47	317	6	11	20	251	73	245	231	14	40	505	52
Richmond . . . . .	11	..	..	6	12	4	19	10	6	118	10	11	75	8	4	36	148	7	7	106	77	15	21	104	13	9	28	123	2	1	15	90	33	86	81	2	16	174	36
City . . . .	558	27	5	785	953	291	1,715	366	467	8,692	801	581	3,710	608	294	979	6,870	928	407	5,540	4,979	820	501	5,918	639	587	1,140	5,638	349	255	506	4,313	683	3,813	3,527	286	825	10,771	719

The Bertillon Classification of Diseases was adopted January 1, 1901. Compared with reports of previous years, it will be found that according to this classification, deaths from Gastro Enteritis are included in the Diarrheas, and deaths from Marasmus over three months of age are taken out of the Congenital Debility and put among the Ill-defined Causes.

DEATHS ACCORDING TO AGE AND COLOR

BOROUGH.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	Total.	Colored.	Chinese.	Death rate.	Corrected Interborough Death rate.*
Manhattan . .	8,953	2,283	935	553	323	13,047	831	467	775	1,303	1,636	1,916	2,110	2,267	2,305	2,316	2,086	2,080	1,863	1,500	1,046	650	468	38,660	1,401	83	16.51	16.72
The Bronx . .	1,051	271	149	90	65	1,626	159	91	209	342	398	445	463	589	459	421	239	378	315	337	231	134	102	6,968	203	3	15.85	13.95
Brooklyn . . .	5,059	1,535	710	387	256	7,947	707	373	544	845	1,032	1,135	1,372	1,349	1,355	1,481	1,377	1,526	1,432	1,259	919	598	425	25,676	582	12	15.59	15.75
Queens . . . .	869	201	92	59	41	1,262	110	56	78	152	137	169	207	191	204	248	194	237	230	185	173	72	66	3,971	81	1	13.77	14.30
Richmond . .	282	61	19	11	12	385	27	23	30	50	55	47	93	62	67	85	90	87	105	111	51	59	31	1,467	33	..	16.91	16.18
City . . . .	16,214	4,351	1,905	1,100	697	21,267	1,834	1,010	1,636	2,692	3,252	3,712	4,245	4,458	4,390	4,551	3,986	4,308	3,975	3,395	2,423	1,513	1,095	76,742	2,303	99	15.98	

\* Corrected interborough death rate means that the death rate of each borough is corrected by the exclusion of the deaths of residents of the other boroughs occurring within its limits and the inclusion of the deaths of residents of that borough occurring in other boroughs.

CASES OF CONTAGIOUS DISEASES AND TUBERCULOSIS REPORTED

BOROUGH.	Diphtheria and Croup.	Measles.	Scarlet Fever.	Typhoid Fever.	Small-Pox.	Tuberculosis.	Total.
Manhattan . . . . .	8,990	14,396	8,722	1,884	13	21,380	55,385
The Bronx . . . . .	1,696	4,988	2,264	289	1	2,087	11,325
Brooklyn . . . . .	5,023	12,630	6,474	1,113	2	7,592	32,834
Queens . . . . .	992	2,580	985	215	..	800	5,572
Richmond . . . . .	239	780	479	81	..	206	1,785
City . . . .	16,940	35,374	18,924	3,582	16	32,065	106,901

BIRTHS, MARRIAGES AND STILL-BIRTHS REPORTED

BOROUGH.	Estimated Population.	Births.	Marriages.	Still-births
Manhattan . . . . .	2,341,383	66,357	28,883	3,541
The Bronx . . . . .	439,567	10,905	2,308	553
Brooklyn . . . . .	1,617,291	42,708	12,881	2,221
Queens . . . . .	288,440	7,119	1,839	347
Richmond . . . . .	86,580	1,991	506	93
City . . . .	4,803,264	129,089	46,417	6,755